

St. Lawrence, N. Y.

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Sept. 19, 1906

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I

# Memorandum Book

P 8.50 2 re.

✓ J. W. White  
✓ J. H. W. White  
6 B. W. White

Division of Birds

✓ *Stipelia* in the jaw of  
N. Opo

✓ San Bartholomew Church  
✓ Malabar. Bartolome Ch.  
Anno 1883 (Bell).

" 1819 "

✓ *Munia erythra* = Coo'-stah Tagalo  
✓ *Turdus dussumieri* = Bah'-to Bah'-to.

✓ *Chrysops* is Spanish  
✓ *Macris* is Tagalo

Samar Birds not  
in Collection: —

*Leucotreron leclancheri*

*Hypotaenidia striata*

" *torquata*

*Amuroornis olivacea*

*Numerus arguata*.

*Limosa limosa*

*Glaucidium nebulare*

*Mesophoxys intermedia*

*Baza lucopais*

*Polioptila ichthyactes*

*Tanygnathus everetti*

*Balobisittacus intermedius*

*Loriculus worcesteri*

*Alcyon flammicollis*

*Ceryle samarensis*

✓ *Hydrocorax semigaleatus*

*Penelopides samarensis*

✓ *Collocalia troglodytes*

*Surniculus velutinus* (Cuckoo)

*Chalcococcyx xanthorhynchus*

✓ *Yungipicus leytenensis*

*Chrysocolaptes rufopunctatus*

*Thriponax pectoralis*

*Sarcophanops samarensis*

*Pitta steerei*

*Muscicapula samarensis*

*Hypothymis samarensis*

*Cyanomyias helenae*

*Geocophus rufus*

*Oborornis olivacea*

✓ *Pericrocotus leytenensis*

*Lalage minor*

*Irena ellae*

*Platycichla minuta*

*Zosterornis pygmaea*

" *nigrocapitata*

*Megalurys ruficeps*

*Acridotheres lugubris*

*Callisitta lilacea*

*Dicaeum bonga*

" *everetti*

*Prionolanius olivaceus*

" *inexpectatus*



*Eudrepanis pulcherrima*  
*Anthreptes gressularis*  
*Oriolus chinensis*  
47 *Corvus samarensis*.

Common Birds not known  
from Samar: —

*Demotus vernans*  
*Poliolimnas cinereus*  
*Gallinago cinerea*  
*Arenaria interpres*  
✓ *Charadrius fulvus*  
*Ochthodromus*. — all species  
*Egialitis*. — do  
*Heteractitis*  
✓ *Rhyacophilus glaucola*  
✓ *Limnites*. — all species  
*Gallinago gallinago*  
*Amegretta sacra*  
✓ *Pulchellus*  
*Ardeola*. — all species.  
*Anhinga*  
*Circus*. — all species

*Batrachostoma*  
*Centropus sinensis*  
✓ *Hirundo gutturalis*  
*Mirula*. — all species  
*Petrophila insularis*  
*Acrocephalus orientalis*  
*Cisticola cisticola*  
*Pardaliparus*  
*Budytes leucostriatus*  
*Mirafra*

Sept. 29, 1906. — Left Manila  
on the Mindanao at  
9:30 P. M.

Sept. 30, 1906. — At sea.  
October 1, 1906. — Went ashore at  
Sagay at noon; steamed  
up the Catubig River in  
launch.

✓ Going up the river we  
saw large blackish monkeys.  
✓ *Actitis hypoleucos*  
✓ *Hirundo gutturalis*  
✓ *Halastur intermedius*



Burengo  
✓ *Halcyon chloris*.

✓ *gularis*. - One shot

✓ *Hydrocorax semigaleatus*

✓ Several flocks seen.

✓ Note like the others.

✓ *Merops americanus*. - Very  
numerous. 4 shot

✓ *Macropteryx minor*. - Common.

✓ *Salangana troglodytes*

✓ white plumbed. Common.

✓ *Eudynamis mindanensis*.

✓ *Centropus viridis*.

✓ *Myzopicus leytensis*. - One shot.

✓ *Myzopicus gutturalis*. - Abundant

✓ *Phipidura nigritorquis*

✓ *Pomivox leytensis*. - Four

shot. Male + 3 females. Two

could not be found in the

jungle. The male an intense

orange - more so than

the W. Malindang male.

✓ *Iole everetti*. - Several pairs

✓ *Iole philippina*. - One shot

✓ *Pycnonotus goiavier*. - Very  
common. One shot

✓ *Artamus leucorhynchos*.

✓ Abundant.

✓ *Zosterops basilanica*. - Two shot

✓ *Anthus rufulus*. - Abundant.

✓ *Munia oryzivora*.

✓ *Munia jagori*

✓ *Oriolus chinensis*

✓ *Sarcops calvus*. - Abundant

Native name See-cling.

✓ *Lampornis panyassii*

✓ *Corone philippina*. - One

shot by Capt. Thompson.

✓ Molting badly.

✓ *Khimomyias ruber*





(Oct. 2 - continued.)

At 2 P.M. landed at  
Salang, Lanang, on M. R. Lanang,  
on the east coast of Samar  
and hunted until 5 P.M.

Game bag:—

- ✓ 3 *Hirundo gutturalis*
- ✓ 2 *Halcyon chloris*
- ✓ 1 *Corone philippinus*
- ✓ 1 *Actitis hypoleucos*.
- ✓ 2 *Troglodytes philippinensis*
- ✓ 1 *Alcedo bengalensis*
- ✓ 1 *Artamus leucorhynchus*
- ✓ 1 *Numenius variegatus*.
- ✓ 1 *Cathartopogon*, 2 species.
- The total list of birds seen
- ✓ *Muscadivores laevis*. - One
- ✓ *Sterna bergii boreotis*. - A
- ✓ few off the river mouth.
- ✓ *Ardea interpres*.
- ✓ *Cathartopogon*, 2 species.
- ✓ *Actitis dubia*.
- ✓ *Numenius variegatus*. The
- ✓ one shot the only one seen.

*Actitis hypoleucos*. - Common  
✓ General Wood shot the  
✓ specimen preserved.

*Rhyacophilus glaucola*. Few  
✓ about freshwater pools.

*Limnites damascensis*. - Flock

✓ *Gorachius melanoleptus*. One

✓ *Butorides javanica*. Few.

✓ *Haliaeetus leucogaster*. Two.

✓ *Haliastur intermedius*. Many.

✓ *Prioriturus decursum*. - Several.

✓ Wood shot one, but lost it.

✓ *Tanygnathus lucionensis*.

✓ *Cathartopogon haematurophygia*

✓ *Corystornis orientalis*.

✓ *Alcedo bengalensis*. General

✓ Wood shot the specimen.

✓ *Halcyon chloris*. - I saw

✓ many. Shot one. Capt. Crosby

✓ shot the specimen kept.

✓ *Salangana troglodytes*.

✓ *Eudynamis mindanensis*

✓ *Hirundo r. gutturalis*. - General Wood shot three.



- ✓ *Rhinomyias*  
*erythronotus*. - Two in mangos  
 ✓ *Iole philippinensis*. - Four  
 ✓ shot, but 2 lost. Darker(?)  
 ✓ that Cebu birds. Voice cat  
 ✓ like mixed with squeaking  
 ✓ and loud sweet singing.  
*Pycnonotus goramensis*. - Common.  
*Macronous mindanensis*  
*Artamus leucorhynchus*. - Gul.  
 ✓ Wood shot the specimen  
*Cinnyris jugularis*. - In co-  
 ✓ coconut-trees.  
*Centurus rufus*.  
*Oriolus chinensis*.  
*Sarcops calvus*. - One shot.  
*Corone philippinus*. - do

October 4, 1906.  
 Landed at Surigao.  
 Saw a Sacred Egret (*Ardea sacra*).  
 ✓ In Surigao Ito. saw  
 ✓ immense flocks of

medium-sized Terns  
 and a few *Sterna b. boreotis*.  
 Oct 1 P.M. landed on  
 Bucas Island and  
 remained until dark.  
 Gamebag. & Hornbills  
 ✓ 1 *Eurystomus orientalis*  
 ✓ 1 *Halcyon chloris*  
 ✓ 2 *Demigretta sacra*  
 ✓ 1 *Micropodops intermedius*  
 ✓ 3 *Otona lucionensis*  
 ✓ 3 *Iole everetti*  
 ✓ 1 *Poliolophus* <sup>Wattleed Bouboul.</sup> ~~rustic~~  
 ✓ 1 *Gallinago megala*  
 ✓ 1 *Muscivora aenea*  
 ✓ 2 *Dalungana troglodytes*  
 ✓ 2 *Cinnyris sperata*  
 ✓ 4 *Anthreptes dinagatensis*  
 ✓ 1 " *Chlorogaster*  
 ✓ 1 *Rhipidura nigritorquis*  
 ✓ 1 *Copsychus mindanensis*  
 The following is a  
 complete list of the  
 (continued p.)

October 4, 1906.

- 14354 *Iole everetti* ♂ ad.  
 14355 " " ♀ ad.  
 14356 *Collocalia troglodytes* ad.  
 14357 " " ad.  
 14358 " " ad.  
 14359 *Cinnyris operata* ♂ ad.  
 14360 " " ♂ im.  
 14361 *Anthreptes dinagatus* ♂ ad.  
 14362 " " ♂ ad.  
 14363 " *anthreptes griseigularis* ♀ ad.  
 14364 ~~*anthreptes griseigularis*~~ *chlorogaster* ♂ ad.  
 14365 *Mallotus pulchellus* ♀ ad.  
 14366 *Gallinago megala*  
 14382 *Petrophila mauii* ♀  
 14383 *Putorius savanna* ♀  
 14384 *Spilornis holospilus*  
 14389 *Ateneides* ♂ ad.  
 14380 *Megalobus ruficeps* ♀ ad.  
 14381 *Chalcophaps indica* ♀ ad.

- Shot by Lieut. Wood ✓  
 do ✓  
 E. A. M. ✓  
 " ✓  
 " ✓  
 " ✓  
 Shot by Dr. Freer ✓  
 do ✓  
 do ✓  
 do ✓  
 Capt. Dorey ✓  
 Mr. Horace Fletcher ✓  
 E. A. M. ✓  
 ♀ ad. " ✓  
 Monay, Mindanao Oct. 6, 1906.  
 juv. do Capt. Dorey.  
 ♀ ad. Iris yellow do E. A. M.  
 Iris yellow " Fletcher  
 Capt. Dorey  
 Dr. Freer

birds seen on Bucas  
Island:—

- ✓ Muscadivores aenea.— I
- ✓ shot one. Many were seen
- ✓ The Boholanos of the island
- ✓ call them Baland.
- ✓ Sterna bergii boreotis
- ✓ Arenaria interpres
- ✓ Charadrius fulvus
- ✓ Numenius variegatus
- ✓ Actitis hypoleucos
- ✓ Rhyacophilus glareola.—
- ✓ Several were seen around
- ✓ fresh-water ponds.
- ✓ Gallinago (megala?) 3 specimens.
- ✓ Several were flushed.
- ✓ Disoura episcopa.— Several
- ✓ seen by Genl. Wood.
- ✓ Mesophox intermedia.—
- ✓ Genl. Wood shot one.
- ✓ Demigretta sacra.— Capt
- ✓ Doreant Genl. Wood each shot one.

- ✓ Spilornis holospilus.— I
- ✓ wounded one with 8 shot
- ✓ It was very dark in color.
- ✓ Haliastur intermedius
- ✓ Eurystomus orientalis.—
- ✓ Abundant. One shot.
- ✓ Pelargopsis gigantea.
- ✓ Halcyon chloris. 1 shot.
- ✓ Hydrocorax. species?
- ✓ Penelopides affinis
- ✓ Salangana leucodactylus.—
- ✓ Very abundant
- ✓ Eudynamis species?
- ✓ Hirundo r. gutturalis
- ✓ Hirundo javanica
- ✓ Rhipidura nigritorquis
- ✓ Scolecophagus.
- ✓ Coliophanes vitiensis
- ✓ Pycnonotus goiavier
- ✓ Alcedo mindanensis
- ✓ Artamus leucorhynchus
- ✓ Alcedo lucionensis
- ✓ Cinnyris sperata



✓ Anthreptes. - Specimen ♂.

✓ Munia jagori. - Abundant.

✓ Melonchra everetti.

✓ Oriolus chinensis

✓ Sarcops calvus. Common.

✓ Lamprocorax panayensis

✓ Large flocks.

✓ Corone philippinus. Com-

✓ = mon. Two shot.

October 5, 1906.

Awoke lying off Cateel  
Mindanao. Went ashore  
after breakfast and  
remained until dark;  
explored a mile along  
beach, and, taking barotas  
spend the day on the  
Cateel River and its tribu-  
-taries.

✓ I saw no mammals but

✓ Monkeys. Goul. Wood  
✓ shot a fine male.  
Birds seen: -

✓ Muscadivores aenea. - A  
✓ few were seen.

✓ Agelaius interpres

✓ Charadrius fulvus.

✓ Aegialitis

✓ Abundant. One shot.

✓ Heavily black ringed.

✓ Numenius variegatus. -

✓ Many seen during the day

✓ on the river. Flocks passing

✓ north along coast at eve.

✓ Actitis hypoleucos

✓ Mesophox intermedia

✓ I shot + wounded one.

✓ Bubulcus coromandus

✓ Charadrius fulvus

✓ Ardeas timorensis. - Goul.

✓ Wood shot one

✓ Mesophox intermedia. This

✓ species has greenish

Gamebag, Kaleel River,  
Mindanao, Oct 5, 1906

- ✓ 2 <sup>Thriponax</sup> Muscadivora aenea  
✓ 2 Eurystomus orientalis  
✓ 1 Chrysocolaptes lucidus  
✓ 3 Polioptila mindanensis  
✓ 1 Loriculus apicalis  
✓ 1 Tanygnathus lucionensis  
✓ 12 Cacomantis haematropterygia  
✓ 6 Prioniturus discurus  
✓ 1 Ceyx argentatus  
✓ 1 Artamus leucorhynchus  
✓ 1 Cryptostomus squamatus  
✓ 1 Athypa bella  
✓ 1 Lalage niger  
✓ 3 Lamprocorax panayensis  
✓ 1 Sarcops calvus  
✓ 1 Hydrocorax mindanensis  
✓ 6 Ptilinopus affinis  
✓ 1 Dicaeum papuense  
✓ 1 Butorides javanica  
✓ 1 Bubulcus coromandus

By whom shot:

Dr. Frier

Genl. Wood.

do

Capt. Dorey & E. A. Means

E. A. M.

E. A. M.

Capt. Dorey, Genl. Wood & E. A. M.

" and E. A. M.

E. A. M.

Capt. Dorey.

do

E. A. M.

Genl. Wood

" & Horace Fletcher

Capt. Dorey.

Capt. Thompson

Genl. Wood & Capt. Dorey

Capt. Dorey.

Genl. Wood.

do

1 *Acrodiar timoriensis*  
1 *Amuchelidon griseisticta*

Cateel River, Mindanao.

14367 *Ceryx argentatus* ♂ ad.  
14368 *Solbobottaeus* ♂ ad.  
14369 " ♂ imm.  
14370 *Loriculus apicalis* ♀ ad.  
14371 *Prioniturus discurus* ♂ ad.  
14372 " " ♂ ad.  
14373 " " ♂ ad.  
14374 " " ♀  
14375 " " ♀

(The two bobtails are ♀♀.)

14376 *Artamus leucorhynchus*  
14377 *A. gyalitis dubia*  
14378 *Penelopides affinis* ♂ ad.

Manay, Mindanao

14379 *Artamides kochi*  
14380 *Megalurum ruficeps*  
14381 *Collocalis fuciphaga*

Genl. Wood. ✓  
Mr. Horace Fletcher. ✓

October 5, 1906.

E. A. M. ✓  
" ✓  
Capt. Dorey shot it. ✓  
E. A. M. ✓  
" ✓  
Capt. Dorey ✓  
" ✓  
E. A. M. ✓  
Capt. Dorey. ✓

♂ ad. do ✓  
♂ ad. E. A. M. ✓  
Capt. Dorey. ✓

October 6, 1906.

♂ ad. Capt. Dorey. Iris yellow.  
♂ imm. Capt. Dorey.  
♂ ad. Dr. Frier. (See about 10 pages  
back for No. 14382.)



✓ olive legs and feet, with  
✓ underside of toes yellow.  
✓ Capt. Dory & I wounded one.  
✓ Bill is green-brown above  
✓ yellowish ~~below~~ on mandible  
✓ & extreme tip of maxilla  
✓ Anhinga melanogaster.---

✓ Several were seen. Wounded 1.

✓ Haliastur intermedius

✓ Cacatua haematropygia  
✓ Everywhere in flock of 3 to 20  
✓ 12 shot for food.

✓ Priomiturus discurus. In  
✓ small flocks, mostly on  
✓ trees.

✓ Five were shot.

✓ Tanygnathus lucionensis

✓ A good many were seen. The  
✓ only one shot was very  
✓ small, apparently young.

✓ like the small form which  
✓ I obtained at Tagulaya and  
✓ Davao.

✓ Balbobsttaeus min=  
✓ =danensis. - More nu=  
✓ =merous than I have seen  
✓ it before. Three shot.

✓ Loriculus apicalis. - Abundant

✓ Eurystomus orientalis. - "

✓ Pelargopsis gigantea. - "

✓ Alcedo bengalensis. - "

✓ Aleyone argentata. - One shot.

✓ Halcyon chloris. - Abundant.

✓ Hydraeorax mindanensis. - "

✓ Phelopides affinis. - General

✓ Wood brought in 3 dark-colored  
✓ birds, with the naked skin  
✓ of face and chin blue

✓ instead of white. Females!

✓ Merops americanus. - Abundant.

✓ Eudynamis mindanensis

✓ Centropus viridis

✓ Chrysocolaptes lucidus

✓ Thriponax javanica. - One shot

✓ Acridothera tristis gutturalis

✓ Acridothera javanica

- ✓ *Henicchelidon griseicincta*
- ✓ Mr. Fletcher brought one in.
- ✓ *Rhipidura nigritorquax*
- ✓ *Lalage niger*.
- ✓ *Zola philippinensis*
- ✓ *Openothorus grayii*
- ✓ *Macronous mindanensis*
- ✓ *Acanthopneuste borealis*
- ✓ *Artamus leucorhynchus*.
- ✓ *Otomela lucionensis*
- ✓ *Dicaeum papuense*.
- ✓ *Ethopyga bella*. - One shot.
- ✓ *Leucophaea jugularis*
- ✓ *Syndesmonis flavus leucostriatus*
- ✓ *Anthus rufulus*
- ✓ *Munia jagori*
- ✓ *Corone philippina*
- ✓ *Sarcops calvus*
- ✓ *Empidonax panayensis*
- ✓ *Corone philippina*
- ✓ *Haliastur leucogaster*.
- ✓ *Excalfactoria lineata*

October 6, 1906.

- Awoke off Baganga,  
East coast of Mindanao  
I did not land. The  
others went ashore early  
we soon left for  
Laraga. I did not  
land. Mr. Reyes  
had stuffed a Koel,  
Chinese Oriole, and  
Hydrocorax. The Short-  
billed Kingfisher and  
the following were seen  
by members of the party.
- ✓ *Halcyon chloris*
  - ✓ *Corone philippina*
  - ✓ *Actitis hypoleucos*
  - ✓ *Bulorides javanica*
  - ✓ *Alcedo bengalensis*
  - ✓ *Cacatua hemionotos*
  - ✓ *Tanygnathus lucionensis*
  - ✓ *Haliastur intermedius*



(Oct 6, 1906.)

Landed at Manay  
at 3 P. M. and hunted  
for three hours.

Same bag.

- ✓ 1 *Eurystomus orientalis*
- ✓ 1 *Halcyon chloris*
- ✓ 1 *Corone philippina*
- ✓ 1 *Butorides javanica*
- ✓ 1 *Megalurus pyrcipis*
- ✓ 1 *Collocalia fuciphaga*
- ✓ 1 *Artamides Kochi*
- ✓ 1 *Petrophila manila*
- ✓ 1 *Spilornis holospilus*
- ✓ 1 *Thriponax javanica*
- ✓ 2 *Cynomolgus mindanensis*

The male monkey weighed  
20 pounds. Skulls preserved.

In addition to species  
shot the following were  
observed: —

*Megapodius cumingi*

*Muscadivores aenea*.

*Macropygia tenuirostris*

✓ *Numenius variegatus*

✓ *Actitis hypoleucos*

✓ *Tringoides sacra*.

✓ *Butorides javanica*

✓ *Spilornis holospilus*. — At-

tracted by its note which

resembled *Pterodroma*'s

✓ *ce whining squeal*. I shot one.

✓ *Haliastur intermedius*.

✓ *Cacatua haematurus pygia*.

✓ *Tamias leucocercus*

✓ *Eurystomus orientalis*

✓ *Pelargopsis gigantea*

✓ *Halcyon chloris*

✓ *Hydrocorax mindanensis*

✓ *Macropteryx major*. Fl.

✓ alighting on dry treetops.

✓ *Collocalia fuciphaga*

✓ *Eudynamis mindanensis*

✓ *Thriponax javensis*



- Hirundo r. gutturalis*  
*Hypothymis occipitalis*  
*Catantides kochii*  
*Zoothera philippinensis*  
*Synchirochilus goramensis*  
*Macronous mundanensis*  
*Petrophila manila*. One.  
*Megalurus ruficeps*. Capt  
 ✓ Dorey saw many +  
 ✓ shot the specimen kept.  
*Acanthopneuste borealis*  
*Hirundo jugularis*  
*Redyptes leucostriatus*  
*Anthus rufulus*  
*Munia jagori*  
*Criolus chinensis*  
*Corone philippina*.  
 Large flocks assembled  
 at river mouth to drink  
 just before dark.

- October 7, 1906  
 Sailed at Calcutta  
 at 8 am. +  
 returned to ("Mindanao")  
 ship at noon for lunch.  
 General Wood shot  
 1 *Otomela*  
 2 *Halcyon chloris*  
 1 *Koel* ♀  
 Dr. Freer shot.  
 1 *Koel* ♀ + 3 Pigeons  
 Capt. Thompson shot  
 2 *Koels* + 2 Pigeons  
 Dr. Inearis shot:  
 1 ~~3~~ *Otomela*  
 1 *Collocalia*  
 1 Warbler *Acanthopneuste borealis*  
 1 *Hemichelidon griseicteta*  
 2 *Halcyon chloris*  
 1 *Hirundo rustica rustica*  
 1 " " *gutturalis*

The following additional  
birds were seen.

- Flock of about 12  
*Bubulcus coromandus*  
1 *Petrophila manila*  
1 or 2 Peregrine Falcons  
1 *Demigretta sacra*  
3 *Numenius variegatus*

General Wood saw  
a large flock of Shore Birds

Went ashore for  
2 hours in the P.M.

A pair of Frigate Bds.  
was soaring over town  
Hundreds of Herons  
were flitting about.

Just as he embarked  
a flock of 30 *Budytes*  
passed over from the  
north.

Peregrine Falcon ✓

October 8, 1906

At daybreak we  
visited Putu and  
Lemango on the  
Island of Sarangani.  
The birds seen on that  
island were:

- ✓ *Haliastur intermedius*
- ✓ *Haliaeetus leucogaster*
- ✓ Kestrel.
- ✓ *Corone philippinus*
- ✓ *Numenius variegatus*
- ✓ *Actitis hypoleucos*
- ✓ *Oriolus chinensis*
- ✓ *Numenius variegatus*

Bonin Island.

- 14385 *Roel* ♂ ad  
 14386 " ♂ im  
 14387 " ♂  
 14388 " ♂  
 14389 *Otomela* ♀  
 14390 " ♀  
 14391 *Hemichelidon griseirostris* ♂ ad  
 14392 *Chelidon rufo* ♂ ad  
 14393 " *n. gutturalis* ♂ ad  
 14394 *Corvinus whiteheadi* ♂ ad  
 14395 *Phylloscopus borealis* ♂ ad  
 14396 *Phylloscopus sieberingi* ♂ ad  
 14397 *Halcyon chloris* ♂ ad

Salut Island, Sarangani Ids. Oct. 8, 1906.

- 14398 *Motacilla melanura* ♂ ad.

- 14399 *Cathartidromus* ♂

*Ad. ♂. Sulu.*

- 14398 <sup>400V</sup> *Sampsonia burbridgei* ♂ ad. Bill white,

Oct. 7, 1906.  
 Capt. Thompson  
 do

Dr. Frier  
 Genl. Wood.  
 do

Edm  
 eta ♂ ad. Edm  
 Edm

Dr. Frier. Coloration dark.  
 Genl. Wood.

Oct. 11, 1906.



At 7 A.M. breakfast  
and immediately went  
ashore and remained  
all day <sup>on Baby Island</sup>. The large blue-  
rumped Parrot was the  
special object of pursuit.  
Two were wounded but  
none were brought in.  
The bird screams loudly  
as it flies over the treetops  
and is very shy. When  
followed usually resorts  
to the tallest trees, where  
it is almost beyond the  
range of shot. Added  
to this the dense  
jungle makes it hard  
to get around through the  
forest or to see the  
birds. The blue-footed  
small spider lizard  
occurs here. Also

a green lizard.  
These are similar to  
those collected on  
Palmar Island yester-  
-day. Small crabs  
seen about over logs  
and rocks. They looked  
quite like spiders.  
The following  
birds were seen:  
✓ *Chapitron brevirostris* ✓  
✓ Capt. Dorey shot one ✓  
✓ *Muscivora aenea* ✓  
✓ *Cathodromus* ✓  
✓ Specimen preserved ✓  
✓ *Merops variatus* ✓  
Abundant. Dr. Fisher ✓  
Shot one. ✓  
✓ *Actitis hypoleucos* ✓  
✓ *Halimastur leucogaster* ✓  
✓ *Myzomela nathans (verreitti?)* ✓  
✓ *Lonchus apicalis* ✓

- ✓ *Eumystonus orientalis*
- ✓ *Pelargopsis gigantea*
- ✓ *Halcyon chloris* Dr.
- ✓ *Zosterops* shot one.
- ✓ *Eudynamis mindanensis*
- ✓ *Leucophaea viridis*
- ✓ *Hirundo r. gutturalis*
- ✓ *Zoothera philippinensis*
- ✓ *Pyrenestes goramensis*
- ✓ *Micronus* sp.
- ✓ *Motacilla melanoleuca*
- ✓ One pair; one shot.
- ✓ *Corone philippina*

### Mammals

- ✓ A herd of Blackfish was spotted near the island of Balut.
- ✓ The only other wild mammal was the Monkey which appeared to be = *Macaque mindanensis*

- Oct. 9, 1906. - En route to Zamboanga At. Sea. One boatful of Frigate Birds.
- ✓ Many *Sterna bergii*
  - ✓ *boracensis*
  - ✓ *Sterna bergii*? A black
  - ✓ Intelligible with snowy underparts + white line over eye. Size of *Sterna bergii*
  - ✓ *Sterna bergii* appeared first on a ship.
  - ✓ shot at it, Wings
  - ✓ narrow.
  - ✓ Big birds that may have been *Concoranto* floating on logs
  - ✓ *Sula piscator*. - Many
  - ✓ *Sula sula*. - Very
  - ✓ Adults + young.
  - ✓ *Sterna fuscata*
  - ✓ Many were seen.

Oct. 10, 1906. - Spent  
the day packing at  
Sindabon. Left  
for ... 10 P.M.  
Spent 7 hours at

October 11, 1906

Just after the ...  
... the  
port of ...

✓ Saw one large black  
... bat. ...

✓ *Myiagra tigrina*  
was caught at ...

✓ Saw the following birds  
✓ *Indo ...*

✓ *Myio ...*

✓ Common & generally  
distributed

✓ *Streptopelia ...*

✓ A few  
✓ *Bubulcus ...*  
✓ With the ...

✓ *Acridothera ...*  
One seen.

✓ *Antastur ...*  
One on ...

✓ *Halcyon ...*  
✓ *Halcyon ...*

✓ Many in ...  
then drop & catch things

✓ in the air.

✓ *Elanus ...*  
One seen. Family,

✓ *... ...*  
✓ *... ...*

✓ *... ...*  
Abundant.

✓ *... ...*  
✓ *... ...*

✓ *... ...*  
✓ *... ...*

✓ *... ...*  
One seen flying.

✓ *... ...*  
✓ *... ...*



*Centropus viridis*  
*Hirundo javanica* Very  
 ✓ abundant.  
*Rhipidura nigritorques*  
*Artamus leucorhynchus*  
 ✓ Several. One seen  
 ✓ in B. & S. area  
*Artamus leucorhynchus*  
 ✓ Several seen in B. & S.  
*Pycnonotus apellus*  
 ✓ Abundant. One seen  
*Leucopsar rostratus*  
*Munia jagori*  
 ✓ Several seen  
*Alcedo forficata*  
*Sarcops calurus*  
*Amphispiza javanica*  
*Amphispiza javanica*  
*Amphispiza javanica*

= lected 5 birds and saw  
 the following  
 ✓ A small Flycatcher and  
 ✓ several other small birds  
 ✓ shot but not recovered.  
 ✓ *Lalage niger*. - Numerous.  
 ✓ *Halcyon chloris*. - "  
 ✓ *Centropus* (see spec.) "  
 ✓ *Yungipicus ramsayi* Pair  
 ✓ *Pycnonotus goiavier*. - Common.  
 ✓ *Artamus leucogaster*. - "  
 ✓ *Hirundo javanica*. - "  
 ✓ *Corone philippina*. - "  
 ✓ *Cyrtostomus jugularis*. - "  
 ✓ *Budytes flavus leucostriatus*  
 ✓ *Rhipidura nigritorques* - Abundant  
 ✓ = ant singing sweetly.  
 ✓ *Haliastur intermedius*.  
 ✓ *Munia jagori*  
 ✓ *Oriolus chinensis*  
 ✓ *Acrocephalus orientalis*

Siassi. Oct. 12, 1906.

Spent 1½ hours ashore. Cool -

(October 12 - Continued.)

Landed at Loran (Sp. Ubian)  
Island, and spent the afternoon.  
No mammal seen. Iguanas

and small lizards numerous.

Shells<sup>etc.</sup> collected. <sup>Herada. line</sup>  
<sup>of near 100.</sup>

✓ I shot one Tanygnathus  
ambidgei, but it escaped by  
climbing into a thicket. Shot  
✓ one of a pair of Tanygnathus  
luconensis. ✓ Shot one of

✓ several Cacatua haematurophygia

✓ They were feeding <sup>in</sup> corn and

✓ tapanoca fields. Shot four

✓ species of Pigeons: <sup>everetti?</sup>

✓ Zenaidura macroura axillaris

(♂ & ♀). Three in the flock

✓ Muscadivores pickeringi

Many seen in low growth of

trees. Two shot.

✓ Macropygia tenuirostris

Many seen one shot,

One shot. ✓ Streptopelia dussumieri. So

✓ Sterna bergii borotio. - Abundant.

✓ Charadrius fulvus. - Abundant.

✓ 7 shot.

✓ Centhodromus. - Small-bellied.

✓ Same as spec. from Balut.

✓ Numenius variegatus. - Abundant. <sup>1 shot</sup>

✓ Totanus eurhinus. - (One seen)

✓ <sup>Totanus, large species</sup>  
~~Heterodromas ochropus~~ (Abundant)

✓ (=dant. noisy; 2 shot.)

✓ Heteractitis borvipes. - Abundant

✓ Alights at high tide, on tops

✓ of tall mangroves. Its note

✓ a sweet whistle.

✓ Pouteris javanica. - Abundant. <sup>2 shot</sup>

✓ Cacatua haematurophygia

✓ Tanygnathus luconensis. - Two

✓ " ambidgei. - One.

✓ Eurystomus orientalis. - Two.

✓ Halcyon chloris. - Many seen.

✓ Eudynamis mindanensis. - Many.

✓ Centropus. same as spec. fr. Sarawak

✓ Hirundo javanica. - One.

Grassi Id.

✓200 *Y. y. ramsayi*  
✓201 " "

✓202 *Acrocephalus orientalis*

✓203 *Lalage nigra*

✓204 *L. ...*

14405 Loran Id., off South

205 *Stone Curlew* ♂ ad.

14406 206 *Squatarola* ♀ ad.

14408 207 *Heteractitis brevipes* ♀ ad.

14409 208 *Limestone* ♂ ad.

14410 209 *Lamprocora parayana* juv.

14411 210 *Amotriton* ♂ ad.

14412 211 " ♂ ad.

14413 212 " ♀ ad.

14414 213 *Redshanks* 14414 ♀ ad.

14415 214 *Sumindao Id.* (off)

14416 215 " " " "

14417 216 " " " "

14418 217 *Tringa crassirostris* ♂

14419 218 *Calidris alba* (Pall.) ♀

14420 219 *L. ...*

14421 220 " " " "

14422 221 " " " "

14423 222 " " " "

14424 223 " " " "

14425 224 " " " "

14426 225 " " " "

Oct. 12, 1906.

♂ ad 14399 401

♀ a 14400 2

♂ ad 14403

♀ ad 14404

♀ ad. Ovipositing. 14405

Ubrian Id., Oct. 12, 1906.

Shot by Genl. Wood. Iris yellow.

14407 ✓ do

14408 ✓ Capt. Thompson.

14409 ✓ " Dorey.

14410 ✓ " "

14411 ✓ " Thompson.

14412 ✓ Estrellas

14413 ✓ " "

14414 ✓

14415 ✓ 219 *Tringa crassirostris* Oct. 13.

14416 ✓ 220 *Calidris alba* (Pall.)

14417 ✓ 221 " " " "

14418 ✓ 222 " " " "

14419 ✓ 223 " " " "

14420 ✓ 224 " " " "

14421 ✓ 225 " " " "



(Oct. 12 - Continued.) - Loren Id.

✓ Long-billed brown bird, size  
very macronous. - Three shot could  
not be found in the jungle.

✓ *Halcyon niger* - Very common  
✓ *Pycnonotus goiavier* - Several.

✓ *Artamus leucorhynchus* - Abundant

✓ *Otomela lucionensis* - Two.

✓ *Budytes leucostriatus* - Several.

✓ *Oriolus chinensis* - " "

✓ *Agrops calvus* - Quite numerous

✓ *Lamprocorax panayensis* - do

✓ *Corone philippina* - Common

Since writing the above the

rest of the party came in.

General Wood saw *Pelargopsis*

The entire gamebag was:

✓ 4 Stone Curlew

✓ 4 *Numenius variegatus*

✓ 9 *Heteractis brevipes*

✓ 7 *Charadrius fulvus*

✓ 1 *Squatarola belgica*

✓ 2 Redshanks

✓ 1 Turnstone

✓ 2 *Budytes leucostriatus*

✓ 1 *Corone philippina*

✓ 4 *Myristicivora bicolor*

✓ 6 *Muscadivora pickeringi*

✓ 6 *Amotretus*

✓ 1 *Macropygia tenuirostris*

✓ 1 *Turtur dussumieri*

✓ 1 *Leucophaea haematopygia*

✓ 1 *Tamias lucionensis*

✓ 1 *Artamus leucorhynchus*

✓ 1 *Lamprocorax panayensis*

✓ 1 *Corone philippina*

October 13, 1906.

Arrived at Tamiindao

(Island of Samar) and

spent the day, all shooting.

The entire gamebag was as

follows: - 1 Green Snake <sup>in a bag</sup>

1 Brown Snake

1 Brown Snake

1 Brown Snake

1 Brown Snake

1 Brown Snake

Zeynnao Id.

- ✓ 4 *Ochetodromas*. - Old bird  
 No. 214 preserved  
 ✓ 2 *Arenaria interpres*. - One  
 ✓ adult had numerous red  
 ✓ feathers on supports.  
 ✓ 4 *Numenius variegatus*  
 ✓ 1 *Actitis hypoleucos*  
 ✓ 1 *Tringa crassirostris*  
 ✓ 1 *Calidris alba* (No. 217).  
 ✓ 1 *Calidris alba* ("218).  
 ✓ 1 *Haliaeetus intermedius*  
 ✓ 2 *Luscinia luscinia*  
 ✓ 1 *Luscinia luscinia*  
Lumindao Id. (off Pitangui.) Oct. 13.  
 ✓ In morning I compiled list of  
 ✓ the birds seen. (There were  
 ✓ no mammals seen.)  
 ✓ *Myiophobus curvirostris*. - Many  
 ✓ seen. 2 birds seen.  
 ✓ *Muscadivores pictus*. - Com.  
 ✓ *Colaptes auratus*. - A  
 ✓ good many were flushed  
 ✓ from ground. Flew like a  
 ✓ hawk and alighted 20 to 30  
 ✓ feet in thick tree growth.

*Stemna bergii borealis.*  
*Arrearia interpres*. - Common  
*Chlorodreptes fulvus*. -

✓ *Chlorodreptes* (No. 214).

✓ Very abundant

*Thalassidroma variegata*. - Abundant

*Notamus t. surhinus*

✓ ~~*Helodreptes*~~ - " "

✓ *Heteractitis brevipes* " "

✓ *Polioptila hyperborea*. - " "

✓ *Thalassidroma* (Black-bellied) - " "

✓ *Tringa crassirostris* (No 217).

✓ *Calidris alba* (No 218).

✓ *Tringa* (No 219).

✓ *Ardea* (No 220). - Many.

✓ *Thalassidroma* (No 221). - Many.

✓ Woodcock 2. Quite common.

✓ *Dumetia sacra*. - Abundant.

✓ *Buteo* (No 222). - Many.

✓ *Halastur intermedius*

✓ *Halastur* (No 223). - Many.

✓ *Halastur* (No 224). - Many.

✓ *Halastur* (No 225). - Many.

✓ *Halastur* (No 226). - Many.

✓ *Halastur* (No 227). - Many.

✓ *Halastur* (No 228). - Many.

✓ *Halastur* (No 229). - Many.

✓ *Halastur* (No 230). - Many.

✓ *Halastur* (No 231). - Many.

✓ *Halastur* (No 232). - Many.

✓ *Halastur* (No 233). - Many.

✓ *Halastur* (No 234). - Many.

✓ *Halastur* (No 235). - Many.

✓ *Halastur* (No 236). - Many.

✓ *Halastur* (No 237). - Many.

✓ *Halastur* (No 238). - Many.

✓ *Halastur* (No 239). - Many.

✓ *Halastur* (No 240). - Many.

✓ *Halastur* (No 241). - Many.

✓ *Halastur* (No 242). - Many.

✓ *Halastur* (No 243). - Many.

✓ *Halastur* (No 244). - Many.

✓ *Halastur* (No 245). - Many.

✓ *Halastur* (No 246). - Many.

✓ *Halastur* (No 247). - Many.

✓ *Halastur* (No 248). - Many.

✓ *Halastur* (No 249). - Many.

✓ *Halastur* (No 250). - Many.

✓ *Halastur* (No 251). - Many.



October 14, 1906

the harbor.

Started at Sandakan  
10:00 AM, just before  
sunrise & left just  
morning fog had broken  
away leaving the sea

*Stephania fijiensis* *corvina*,  
the two were

*Parasitica* *gambusia* and  
*Chelodactylus* *marginatus*

and a large *Chelodactylus*  
*marginatus* *marginatus*

which was perhaps  
*Hippocampus* *malaccensis*

*Belyth* *marginatus*  
*marginatus* was heard

at night, and *anthracinus*  
*boracius* was noted.

There were some  
*Brahminy* *Kites* and

*White-bellied* *Eagles* over

15. 1906.

Shot 2 hours in  
Sungai. Shot &  
skinned 10 birds. Mr. Fletcher  
also shot. *Muscadivora*  
= *picikiri* and *Myristicivora*  
*biolor*. No mammals were  
seen. Lizards abundant.

Following is a list of the  
Birds seen.

- ✓ *Butastur indicus*
- ✓ *Haliastur intermedius*
- ✓ *Haliaeetus leucogaster*
- ✓ Koel. - Abundant. 1 Shot
- ✓ *Dicrurus or Chubia*. Two
- ✓ *Horinda rustica gutturalis*
- ✓ " *javanica*
- ✓ *Collocalia inexpectata*
- ✓ Flying about the house
- ✓ at the Collector of Customs
- ✓ in company with the
- ✓ *Horinda javanica*.

*Anthracoceros agayensis*.

Single, usually. Female taken

✓ *Orthotomus*. - One taken three  
were seen.

✓ *Zosterornis*. Specimen No. 226.

Several in a tree, loaded  
with vines.

✓ *Myristicivora bicolor*.

Very abundant around the  
shores of 3 lakes. Gentle

✓ *Muscadivora picikiri*

Very abundant. The  
dark typical form.

✓ *Lalage niger*. - Common

I shot one but did not skin it.

✓ Gray Starling. - In flocks.

Very numerous.

✓ *Actitis hypoleucos*.

✓ *Charadrius fulvus*

✓ *Bulorides javanica*

✓ *Demigretta sacra*

✓ *Mesophoxi i tinidia*. - In company  
around fresh-water lakes.

Aegialitis lucia.

✓ Tanygnathus lucionensis.

✓ Halcyon chloris

✓ Motacilla boarula

✓ Actitis hypoleucos. - Only

✓ the one shot was seen.

✓ Fregata

✓ Frigate of Frigate overhead.

✓ Actitis hypoleucos.

Actitis hypoleucos, 1 seen.

Actitis hypoleucos, 1 seen.

Actitis hypoleucos, 1 seen.

Actitis hypoleucos, 1 seen.

Actitis hypoleucos, 1 seen.

Actitis hypoleucos, 1 seen.

Actitis hypoleucos, 1 seen.

Actitis hypoleucos, 1 seen.

Actitis hypoleucos, 1 seen.

Oct 16, 1906

Land at Palabak.

Melville

✓ Tragulus + Squirrel

were seen at the latter

place by members of

the party. Estrellito

brought in a green

lizard which is in alcohol.

The following birds:

✓ Treron nipalensis. - Estrellito

✓ shot a male (239) and ♀.

✓ Muscadivora pickeringi

✓ Actitis hypoleucos.

✓ Butastur indicus

✓ Elaenia cristata

✓ Elaenia cristata

✓ Elaenia cristata

✓ Elaenia cristata

✓ Elaenia cristata

✓ Elaenia cristata

✓ Elaenia cristata

✓ 3 shot by Estrellito + 1



✓ 144145 (14415)

✓ 144146 (14416)

*Sturnia philippensis*

" "

" "

" "

*Mixornis cagayanensis*

ad.

*Ortholomus cineraceus* <sup>Blyth.</sup>

14433

*gustavi*

✓ 33 *Eulabes palawanensis* 14437

✓ 34 " " 14438

✓ 35 " " 14439

✓ 35 *Calocitta montana* Hartst.

♀

Jan. 1906. Oct. 12, 1906

Oct. 15, 1906.

~~1442315~~ 14425 7 ✓

~~1442416~~ 14426 8 ✓

~~1442517~~ 14427 9 ✓

~~1442618~~ 14428 30 ✓

~~1442719~~ 14429 31 ✓

14432 ✓

♀ ad. 14434 ♀ ad. ✓

14435 ✓

14436 ✓

Oct. 16, 1906.

This is a list of birds collected by me in the Philippines. The birds are listed in the order in which they were collected. The numbers in parentheses are the numbers of the birds in the collection. The numbers in the brackets are the numbers of the birds in the collection. The numbers in the brackets are the numbers of the birds in the collection.

Nov. 1, 1905, p. 11.  
Red 14440 Bull. B.O.C. XVI No. exviii, A

236 *Hypothymis occipitalis* ♀ ad.

237 *Tigra everetti* Tweeddale.

238 *Actinopus operata*. ♂ ad.

239 *Treron nipalensis* ♂ ad.

Lumbuan Island, P. I.

240 *Koel* ♂ ad.

241 *Actinopus leucorhynchus* ♂ ad.

242 *Actinopus leucorhynchus* ♂ ad.

Palawan

243 *Leucotreron leclancheri* ♂ ad.

14448

44

14449

14450

14451

14452

14453

14454

14455

14425. *Ardea sumatrana*. ♂ ad.

14426. *Halcyon (chloris?)* Small

14441 ✓

14442 ✓

14443 ✓

14444 ✓

14445 ✓  
Shot by Capt. Dorey Ins. Gen.

14446 ✓  
L. L. Wood

14447 ✓  
Mr. H. H. H. H.

14448 ✓  
Mr. H. H. H. H.

14449 ✓  
Mr. H. H. H. H.

14450 ✓  
Mr. H. H. H. H.

14451 ✓  
Mr. H. H. H. H.

14452 ✓  
Mr. H. H. H. H.

14453 ✓  
Mr. H. H. H. H.

14454 ✓  
Mr. H. H. H. H.

14455 ✓  
Mr. H. H. H. H.

14456 ✓  
Mr. H. H. H. H.

14457 ✓  
Mr. H. H. H. H.

14458 ✓  
Mr. H. H. H. H.

14459 ✓  
Mr. H. H. H. H.

14460 ✓  
Mr. H. H. H. H.

14461 ✓  
Mr. H. H. H. H.

14462 ✓  
Mr. H. H. H. H.

14463 ✓  
Mr. H. H. H. H.

1906 Itinerary

Sept. 29. Left Manila 9 P.M.

Oct. 1. Catubig mouth river 6 am. Down 1 P.M. Samar Id., P. I.

" 2 Pigeon Island 5 am.

" 2 Oras 7 a.m.

" 3 Tubig 5 am.

" 3 Borongan 11 a.m.

" 3 Llorante 2 P.M.

" 4 Surigao 7 am. Mindanao

" 4 Bucas 11.30 a.m. to 6 P.M.

" 5 Cateel 7.30 a.m.

" 6 Baganga 7 a.m. to 8:30 am

" 6 { Caraga { 10 am. to  
San Jose { 1 P.M.

" 6 Manay 3 P.M. to 7 P.M.

" 7 Las Palmas 7 a.m. to 8 P.M.

" 8 { Sarangani Id. { 6 a.m. to 6 P.M.  
Balut Id. { 2 harbors.

" 9 Zamboanga. 6 P.M. to

" 10 " 11 P.M.

" 11 Jolo, Julu Id. 8 am. to 7 P.M.

" 12 Siassi Id. 1 a.m. to 8 am.

(off.)

"

"

"

"

"

Mindanao

(off.)

"

October 18, 1906. At Sea  
off E. coast of Palawan.

During the day saw flock  
of Sterna bergii boreotis. (one!  
immature common Boobies (Sula  
sula).



October 16 - Continued

✓ General Wood shot a *Hirundo swainsoni* and 2

✓ *Artamus leucorhynchus* Alst.

✓ 2 Muscadivore Pieteringi.

✓ Mrs. Fletcher brought me

A *Microphox nitens* and

✓ *Chrys. Strob. a* Kozl.

✓ Genl. Wood saw Haley

✓ Chlorosis. From the sheep

never seen a big black fly

v. *Chrysomela* *fulva* *fulva*

October 1<sup>st</sup>, 1906 Paragua

Landed at the Moor

town of Bonā Bonā, and

then hiked 5 miles into the

foothills to a Saginawa.

village. The following is

✓ 1000 ft. - Bought a  
✓ good cedar trunk. 1/2 ft.

✓ new bird (No. 243). - blue  
✓ new shot by Eschsch

✓ *Calliandra* *in a Gifford.*

✓ Superficial "dual" line  
✓ 1st

✓ Bubulcus coromandus - flock

✓ Bubulcus coromandus. - Flock.  
✓ Butastur indicus

✓ *Brastur indicus*  
✓ *Halastur intermedius*

✓ *Halastur intermedius*  
✓ *Pandion haliaetus*. (C. n.)

✓ *Pandion haliaetus*. - 6 m.  
✓ *Eurystomus orientalis*

*Arctamides difficilis*. - Pair together.

✓ *Pericrocotus cynceus*. - One ♀.

✓ *Microcolus* *vicinus*. - C. n. f.  
*Microcolus* *vicinus*  
*Microcolus* *vicinus*

✓ *Clomela lucionensis*. One.

✓ *Anthracites* (macconnisi?) No. 245.

*Dryinus chinensis*

✓ *Rhyacophilus glaucola*

*Mesophoxys intermedia*

✓ *Sanguinatus Inconensis*

gigantesco e nel mare

1906 Itinerary.

- Oct. 12. Loran Id. 7 P.M.  
" 13 { Sitonki } 8 am. to 12 midday  
      { Sibutu }  
" 14 Sandakan, Borneo 4 P.M. to  
      to daylight, Oct. 15.  
" 15 Tagayan Dulu 3 P.M. to 5 P.M.  
" 16 { Bakaruk } 7 am. to 8.30 am.  
" 16 { McLure } 8.30 am. to 3 P.M.  
" 16 Dumunca 4 P.M. to 1 am Oct. 17  
" 17 { San Antonio Bay } 8.30 am. to  
      { Bona Bona } 3.30 P.M.  
" 18 Opposite Puerto Princesa at 6 am.  
" 19 Arrived at Manila

Perierocotus mindanensis new species  
Type No. 14107, Mearns Collection  
<sup>adult male.</sup>  
" Tagayan, Mt. Malindang, Mindanao,  
P. I. Altitude 1100 feet. 1906.

Characters. — Similar of to  
Perierocotus novus Wardlaw-Hamsey,  
but smaller, the wing measuring  
6 millimeters less and the tail 10  
millimeters less in length. <sup>Pattern similar to</sup> Color  
of the orange areas paler and  
more yellowish, especially as to  
the rump, which lacks the reddish  
shade. Bill narrower (Type com-  
pared with an adult male  
No. 2500, Philippine Museum  
collection, taken May 7, 1903, at  
Irisan, Benguet Province,  
Luzon, P. I., by R. C. Mc  
Gregor and A. Celestino.

Remarks. — Three specimens  
were obtained at the type locality.  
An immature <sup>male</sup> specimen (No. 14182)

is similar to the <sup>of P. novae</sup> female except that orange feathers are appearing on the ~~the~~ breast, rump, and tail, replacing the yellow of feathering of the earlier plumage; and a few black feathers are appearing among the yellow on the under side of the head; and on the ~~the~~ dark gray of the <sup>upper side of head</sup> female (No. 14097). — Possibly, a younger male than the preceding as some of the tail-feathers are shaded with orange and there is a slight orange cast to the breast and rump, which are lacking in Luzon females of P. novae; the upper mantle and upper side of head and neck are <sup>dark</sup> gray, ~~black~~ without pale edging to the feathers.

My Hawk-like Leucos from San Roque, Zamboanga is Hieroceryx fugax. Sparveroides is quite different tyloterpe apocensis. — My two Malindang specimens (13 Schroder + 14114) may be considered apocensis. No. 13 is quite typical; but No. 14114 may, when a quantity of material has been gathered, be considered a lowland race of apocensis but not of philippinensis which is distinct from the forms of Mindanao and Basilan. The lowland form would be distinguished by smaller size, paler and more brownish (less greenish) back, and paler yellow underparts. Bill smaller.

Isle philippinensis. — The specimens from Samar and Bucas are darker and glossier on the back than those from Luzon. Also a trifle smaller, with considerably smaller bills.



Eumyias  
Stenopola. - The two from  
Mt. Malindang are like one from  
Apo except that the blue extends  
farther back upon the belly, but  
the difference is slight and  
may be individual.

The Swift from Palmas Id.  
is a trifle dark but otherwise  
like a large series from It.  
Luzon, labelled Collocalia  
whiteheadi by Mc Gregor.

Pseudotharrhaleus. - An adult  
male from Mt. Malindang summit  
is widely different from two adult  
males from Irian, Benguet Prov.  
Luzon, P. I., May 12 and 22, 1903.  
Collected by R. C. Mc Gregor and  
A. Celestino. Labelled P. caudatus

General coloration more  
saturated. Upper parts more reddish.  
Sides of head browner (less grayish)  
~~throat~~ chin and middle of throat

less white, the centers of the  
feathers having darker central spots.  
Gray on middle of breast much  
more restricted and heavily spotted  
on fore part of chest (these spots  
are entirely absent in P. caudatus.)  
Median area of belly brownish  
white instead of gray. Flanks  
and crissum nearly as deep  
brown as the back.

Compare with female type  
of P. griseipictus from Apo.

Brachypteryx. - An adult male  
and an adult female from the  
summit of Mt. Malindang are  
very much darker than specimens  
of B. poliogena Grant from Irian  
Benguet. They are very clearly  
distinct. The white concealed  
supraorbital spot is very much  
more restricted.

Ethopyga boltoni. - The adult male topotype in the Ph. Mus. has the forehead greenish instead of blue; the yellow rump spot is greenish yellow instead of clear yellow. The mantle is more tinged with golden yellow - not so clearly green as in males from Malindang. These differences may not hold when more Apo skins are examined; but all of the Malindang males agree and are different from this one Apo adult male.

Rhipidura <sup>schroderi</sup> malindangensis new species.  
Type No. 52 collection of Robert Schroder, Mount Lebo, at <sup>(Malindang group)</sup> feet altitude. (Adult male) 1906.

Characters. - Similar to R. nigrocinnamomea Hartert, but larger, with the throat without white on chest, this being replaced by ashy cinnamon; and

the short <sup>in front</sup> superciliary white stripes white (across the forehead) forming a band ~~across the~~ which overarches upon the black which edges the bill. The cinnamon color of the under parts is deeper darker in schroderi than in nigrocinnamomea.

Measurements. - Adult male (type): Length (of skin), 155; wing 78; tail <sup>95</sup> 79; culmen 11.7; tarsus, 19.5. Adult female (No. 14167) (Measurements) 153; 73; 84; 11; 20 mm.

Zosterops basilanica. - Two specimens which I got in Samar are practically like one from Malindang.

Hemichelidon griseisticta from Palmas Id. & Mt. Malindang are like those from Luzon.

Muscicapula westermanni from Malindang are like Luzon specimens.

Cryptolopha. - A series from Malindang are distinct from an Apo specimen. Compare with all material in U.S.



Poliolopha urostictus. - A skin from  
Bucas Island is browner (less  
grayish than 3 Luzon skins.

Lalage. - The large species I saw  
at Camp Connelly, Samar,

(See beyond.) 1906, was about  
the size and appearance of  
melanoleuca. I have never seen  
a specimen of L. minor, which  
has been found in Samar.

Callisitta <sup>lilacea</sup> ~~puschlamys~~. - The  
female lacks the supraorbital black  
stripe. Of the Malindang pair No.  
14190 is ♀, + 14116 ♂. These two  
summer specimens differ from  
3 Luzon (Bataan) ~~spring~~ winter  
specimens in having a very  
distinct lilaceous nape which  
is not apparent in the 3 Luzon  
skins. The underparts are  
darker and more reddish in  
the Malindang skins; and the

Malindang skins have no  
blue behind the eye, the brownish  
extending clear up to the supraorbital  
black stripe in the male.

Cyrtocornus denagatensis. - Three  
specimens from Bucas Id., off Dinagat,  
are typical of this form. Compared  
with a large series of jugularis from  
Luzon and Mindanao, no intermediates.  
In addition to the orange mark on the  
chest this species differs from jugularis  
in having underparts as a whole of a  
much more intense yellow. There is  
also a <sup>stronger</sup> tendency to black metallic  
spottings on top of head. <sup>head is at anything slightly paler than jugularis</sup> the ♀ on the other.

Cinnyris operata. - October males (2)  
from Bucas Id. have the head greener  
(less coppery) than a male from  
Balabac; the mantle is much darker  
reddish brown; and the red of the  
abdomen is lighter. Luzon and  
Mindoro specimens of operata are  
more like the Balabac than the Bucas  
specimens. Material too scanty.



Anttreptes cinereigularis.—No. 14364, Bucas Id. Lad. and No. 14165 ♀ ad. Mt. Malindang, Mindanao, are this.

Anttreptes cagayanensis.—No. 14434 is this species. It is yellower above and below than a female (14450) of A. malaccensis from Palawan, and the wing (of cagayanensis) is longer.

Anttreptes cinereigularis females differ from the females of the other Philippine species in having the <sup>top of</sup> head, and back grayer.

Pardaliparus elegans mindanensis

Compared with a large series of P. elegans elegans, specimen No. 14115 from Mt. Malindang bears out the characters of mindanensis.

Dicaeum nigrilore Hartert.—Two skins from Mt. Malindang appear to be identical with a Mt. Apo specimen.

Dicaeum everetti.— } These two species are  
Dicaeum mindanense } so nearly of  
one size, and the descriptions are so close that I cannot identify the two specimens before me. The adult (No. 14150) from Mt. Malindang I provisionally call D. mindanense, tho it closely resembles the plate fig. & description of Sverdrup's D. everetti. No. 14345, from Samar (young) I call everetti because it is slightly different from the Mindanao specimen, D. everetti having been found in Samar and not in Mindanao.

Zosterops goodfellowi.—A male from Mt. Apo June 18, is the same size as 11 skins from Mt. Malindang, and only differs from all of the 11 in having the crown green instead of gray.

Zosterops wh. vuleani. - Two specimens from Mt. Malindang are practically like two from Mt. Apo.

Cacomantis merulinus. - Five specimens from Malindang are all of the dark phase. Both light & dark birds are in the Phil. Mus. Coll. from the N. Isds.

Squatarola helvetica. - Female No. 14407 is enormously larger than a male from Va.

The two species of small Terns which I shot, in company with General Bliss, were probably Sterna fuscicollis (larger) and S. melanancha Temm. (rose tinted on breast).

Lalage minor. - No. 14181 is a female of this species from Mt. Malindang. I also saw a pair at Camp Connolly, Samar, at first mistaking them for L. melanochloris.

Malindangia maegregori, new species. Color (insert colors of iris bill and feet from field notes). - Adult male (type): Upperparts, uniform including crown, mantle, rump, uppertailcoverts and middle pair of tail-feathers uniform light gray; forehead, chin, throat, breast and sides of head to above eyes, <sup>innermost secondaries</sup> black; scapulars and least wing-coverts gray like the back; middle and greater wing-coverts, and a broad external band on innermost pair of secondaries, white; remaining wing-quills black externally, broadly white on inner webs at base internally; bastard wing all black; axillars and under wing-coverts white. <sup>At three</sup> ~~three~~ outer rectrices <sup>on both webs</sup> broadly tipped with grayish white, the innermost <sup>of the three</sup> narrowly, the next broadly, and the outermost for more than one-third of its length.





Chest, flank and thighs  
gray like the back, this color  
fading to whitish on the  
abdomen and becoming  
pure white on the under  
tail-coverts. <sup>the black of</sup> the black of  
the under side of the head  
extends around the neck  
and forms an incomplete  
black neck-collar, which,  
in the oldest males is but  
narrowly interrupted in the  
middle median line above.

The sexes are colored alike;  
but <sup>one</sup> female, probably immature  
(No. 14177), has the black  
areas of the head and neck  
replaced by a dark gray color.  
The plumage otherwise  
differs from <sup>that of the</sup> adults only in  
having scarcely discernible  
fulvous edgings and wavy

cross-bands to the feathers  
of the abdomen.

Get fresh measurements from  
field notes. The bill and feet  
appear to have been black.

Calidris alba. - No. 14423  
Turnicidae dd. (off Ditanki Id.) is the  
same as a skin from Malabon  
River, Luzon.

There are Cryptolopha mindanensis is  
from Apo with series of 3 from  
Mt. Haleon. See Ibis, 1891, p. 47,  
Pl. II, fig. for descr. C. insignis.  
Hodgson has separated Phoenicurus  
from Cryptolopha. The Singer has  
put C. mindanensis under Cryptolopha  
and insignis. They seem to me  
to differ but slightly. Look up the  
character of genus Abrodon.

The Mindandang series is  
separable from the Apo form.  
A Mt. Haleon series is like 4 from  
Mt. Sto. Tomas, Benguet Pr., Luzon.

4  
Merula malindangensis new species.

Mount Malindang Blackbird.

Type No. 14134 Mearns Collection,  
from <sup>northern</sup> Mount Malindang, Mindanao,  
Philippine Islands, <sup>at 6000 feet</sup> Altitude  
6000 feet. , 1906.

Adult male.

Geographic distribution.—  
Peaks of Mount Malindang,  
northern Mindanao,  
from 5000 to 9000 feet.

Adult male. Characters.—  
Largest of the Philippine  
species of Merula. Breast  
and under side of neck light drab-  
gray, a darker shade of this color  
extending to the throat and  
chin, and forming an indistinct  
collar around the hind neck.  
Middle of abdomen and  
cruet nearly white. Mantles

back, rump and upper tail-coverts  
light sooty brown. Wings and  
tail dark sooty brown.

Type No. 14134 Mearns Collection,  
from Mount Malindang, at 6000  
feet, northern Mindanao,  
Philippine Islands, 1906.  
Adult male.

Adult male.—Upper  
side of head, mantle, back,  
rump, and upper tail-coverts  
light sooty brown. Flanks  
slightly paler and browner.  
Wings and tail dark sooty  
brown. <sup>more lustrous</sup> Chest and under side  
of neck light drab-gray, a  
darker shade of this color  
encircling the neck, and  
extending to the chin and  
throat where the feathers  
have dark shaft-streaks. Sides  
of head pale sooty brown.  
From the chest backwards

to the crissum, the feathers of the median area have broad white edges with a dark central area enclosing a white <sup>sagittate</sup> spot, giving a spotted appearance to the middle of the under surfaces of the body. On the crissum this light area expands and becomes practically all white. The under tail-coverts are longitudinally striped with white or pale buff.

Measurements. - (See measurements from notes. Type (skin measurements):  
... 25; wing, 127; tail, 115; culmen (chord), 21.5; bill from nostril, 15; tarsus, 34; middle toe with claw, 30.

*Merula mindocensis* is remarkable for the large size of the feet, the middle toe with its claw almost equalling - in one individual actually - the length of the tarsus.

Adult female. - Similar to the male. Tail slightly smaller, and division of sides of lower tail-coverts on sides of crissum. [See measurements from notes.]  
*Merula mindocensis* (No. 14265).

Edges of lower chest and flanks more strongly washed with rufous than in adult female; chest and throat darker.

*Merula mindocensis* (No. 14266)

Upper tail-coverts, washed with rufous, especially on the head, neck, upper back, and wing-coverts; head pulsed with rufous, rusty shaft-streaks, and some of the lower wing-coverts edged with the same; under surface of face brown strongly suffused with pale



reddish brown and upper with  
brownish black, the blackish of  
the being on the tip of  
the feathers and the middle  
of the wing the middle  
of the feathers.

The specimen among the  
middle of the wing and the middle  
of the wing; whitish median  
apical distinct line with pale  
iridescent edges, the feathers  
of the lower side of the wing  
and the lower side of the wing  
and the lower side of the wing  
white median streaks, in  
the specimen taken at the  
same season, the molt was  
early, the feathers were  
dark with white, brown  
and black spots, and with  
a strong red center extending  
to the flanks. There is a distinct

Material. - 4 skins from  
the Cape Colony.

12 months	12 months
12 months	12 months

[illegible]

very small without any  
white spots.

Measurements of type (♂ im.) -  
tarsus, 130; wing, 125;

culm, 78; middle toe (chord),

25; bill from nostril, 19;

middle toe with

claw, 30.

Bill and wing very similar  
to *Z. whiteheadi*.

Measurements of 17

In the Bulletin of the  
British Ornithologists' Club,  
vol. XIV, p. 13, October 30, 1903,  
Mr. Ernst Hartert separated  
the mountain *Zosterops formosus*  
from Lepanto, Island of Luzon  
from <sup>the Luzon</sup> *Zosterops meyeri* Bonaparte,  
under the name of *Zosterops whiteheadi*,  
and, in the same paper (p. 14)  
described the mountain ~~sp~~ form

from 8000 feet on Mount  
Apo, Mindanao as *Zosterops*  
*whiteheadi vulcani*, observing  
that the form *vulcani* evidently  
represented *Zosterops whiteheadi*  
*whiteheadi* on Mt. Apo, but  
probably older forms will also  
come as subspecies into this  
group, so that its name, i. e.  
that of the species, may have to  
be altered eventually.

In addition to the forms  
*whiteheadi* and *vulcani*, which  
are represented by large series  
in my collections, <sup>two</sup> additional  
forms of approximately equal  
value ~~are~~ were collected, respectively,  
on Mount Malindang, Mindoro and  
Mount Hagon, Mindoro. These,  
for the present, are regarded  
as species, although they are  
very closely related to <sup>the other *guineensis* form</sup> ~~the two~~ forms  
*whiteheadi* and *vulcani*.



Zosterops malindangensis, new species  
Mount Malindang Silver-eyes.

Type No. 14, <sup>23</sup>~~24~~, Mearns Collection,  
(altitude about 5750 feet),  
from the summit of Mount Bliss,  
northwestern Mindanao, Philippine  
Islands, May <sup>27</sup>~~30~~, 1906. Adult  
male.

Description.— Similar to Zosterops  
vulcani, but smaller. Wing 54  
against 55 mm.; tail 40 against 42;  
~~bill~~ culmen 10.5 against 12. Color  
<sup>somewhat</sup> ~~much~~ yellower throughout; sides  
more whitish gray; middle line of  
belly yellower; chin, throat and chest  
brighter yellow.

Note.— Since describing this  
slight form, I have decided that it  
is not sufficiently different from  
vulcani to warrant its separation.

(Describes the Mindoro  
form but not the Malindang one.)

Zosterops naiconensis, new species.  
Mount Halaon Silver-eyes.

Type No. 14480 Mearns Collection  
from Mount Halaon, Mindo, Phil-  
ippine Islands, at the altitude of 4500  
feet, November 14, 1906. Adult male.

Description.— Sexes <sup>slightly</sup> alike. <sup>but</sup> ~~Largest~~  
<sup>Smaller than</sup> ~~than~~ Zosterops vulcani, Wing  $5\frac{1}{2}$  5  
against 56 millimeters; tail 42 against  
41; culmen, 12 against 11.5. Color  
yellow, but without a <sup>longitudinal</sup> yellow stripe  
on middle of abdomen; sides more  
whitish gray; cheeks and ear-coverts  
<sup>paler</sup> lighter and yellower, frontal area ~~much~~  
and throat much yellower, but the  
yellow ~~is~~ confined to the chin and  
throat, and does not suffusing the  
upper chest; upper surfaces ~~are~~ of a  
more golden green.

From Zosterops whiteheadi  
the Mindoro form easily distinguished  
by its greater size and more yellow  
coloration  
when similar seasonal plumages are compared.

4  
Acanthopneuste lugubris (Blyth).  
Compare all of my specimens in the  
USNM. with A. xanthodryas (Seurib.).  
Also compare with topotypes of  
A. lugubris to see if the resident  
Philippine is not different.

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*Bubalus mindorensis*  
Munyan's call it  
Tamaraw (Tahm'-ah-rau)

Specimens of *Malindangia*:-

14130 ♂ ad. May 15

14178 ♂ ad.

14215 ♂ ad.

14176 ♂ ad.

14175 ♂ ad.

14235 ♂ ad.

14248 ♀ ad.

14228 ♀ ad.

14229 ♀ ad.

14177 ♀ ad. im?

29 ♀ ad.

36 ♂ ad.

41 ♂ ad.

37 ♂ ad.

40 ♂ ad.

No. 14130. - Iris ~~dark~~ brown. Bill red. Bill black. Feet black, with under side of toes yellow.

Nos. 14175, 176, 177, 178. Iris reddish brown. Bill black throughout. Feet plumbeous-black with yellow soles

14175 ♂ 240; 342; 111; 112; 19; 23.5; 21.

14176 ♂ 236; 335; 110; 108; 19.5; 24; 21

14177 ♀ 230; 330; 108; 111; 19; 23; 21

14178 ♂ 239; 340; 113; 117; 19; 23; 20



*Horreum minus* 14810, no tag; (Correas).  
14867

*Horreum minus* 14883, 14758, 14835  
14718, 15023

*Aerocypus orientalis*. — 15035.

*A. orientalis* *orientalis*. — 14754, 14823, 14777,  
14890, 14721, 14831, 14830, 14733, 14719,  
14778, 14720, 14734, 14755, 14735.

*A. orientalis* *orientalis*. — 14707.

*A. orientalis* *orientalis*. — 14185, 14113,  
14210. Apparently *A. orientalis* at  
least these labelled *A. orientalis* as I previously  
identified my Mindanao specimens. They are  
lets those labelled *A. orientalis* by 14210.  
*A. orientalis* *orientalis*. — 14623, 14666,  
14600, 14395, 14557.

*Stenocercus* sp.). — 14421 ♂ ad. ♂. *Sitona* sp.  
I have compared this with *Otus semitorus*  
from Japan; type of *O. babuensis*; *O. concolor*  
from Borneo; type of *O. bitorus*; type of *O. bitorus*  
; type of *O. calyculatus*. Of these *O. bitorus* is  
eagerness than the others in color & patterns, but  
is darker and much smaller. It has the same  
bill, black-billed populus. The entire plumage  
is a uniform brown & heavily marked. Wing  
about 15 mm. shorter. Does not closely resemble the  
adult